

# André Rodrigues

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## Profile

I am a graduated in Computer Engineering and Multimedia. During the course I also worked in other jobs that allowed me to improve my soft skills. I gained good practices and programming skills in languages like Java, Python, PHP, MySQL, HTML5 and JavaScript because my course had a very practical component and at the end of all subjects was always asked to do a final work where we had to apply all knowledge that we had learn in the classes. All these academic works gave me skills for back-end and front-end programming and taught me to improve myself because I can always do better.

## Academic Projects

### “Home Manager” (Smart Home) | Final Project

- This project allowed me to understand how it is designed and implemented a computer system with Internet access, which collects and maintains sensory information concerning a household environment from a heterogeneous array of sensors.
- And how to create a middleware software to do the messages exchange between modules and the application. Communication between the modules was made through Wi-Fi and Bluetooth.
- Enable to explore the emerging IoT technology to make available to users a simple way to supervise their own home environment. The project was implemented in C/C++ (Arduino language), HTML/CSS, JavaScript and Firebase (Google database). For hardware we used Arduino boards, NodeMCU and a set of sensors.

### “Best Gaming Events” (Content Management System) | Internet Multimedia Systems

- Analyse the technologies that support Content Management Systems, with emphasis on multimedia content systems.
- I learned to understand the most common development infrastructures, know how to use platforms for interactive content presentation, designing World Wide Web applications with multimedia content and how to use external services (Web Services) in the development of new features of a Content Management System.
- I also learned and reviewed several concepts with this project, such as: Windows and UNIX/LINUX operating systems, World Wide Web Apache server, PHP and Java Object Oriented Programming (OOP) and languages and the MySQL database system.

### “Sport Shop” (E-Commerce) | Database Systems

- Consolidate design and implementation aspects of relational databases.
- I increased my knowledge of Structured Query Language (SQL) and Java Database Connectivity (JDBC) to create, alter or to question databases using Java Server Pages (JSP) in the context of the World Wide Web (WWW).

## Technical Skills

**Programming Languages:** Java (including JSP, Java Servlets), PHP, JavaScript, Python, HTML/CSS/Bootstrap, XML, C/C++, C#, Arduino, AJAX, JSON, jQuery, Android, UML.

**Databases:** SQL, MySQL, Firebase.

**Web Server:** Apache HTTP Server, Apache Tomcat.

**Tools:** Eclipse, IntelliJ Idea, NetBeans, Microsoft Visual Studio, WordPress, Git, Packet Tracer, Wireshark, Adobe Premier, Blender, MS Office Suite.

**Operating System:** Windows, Linux.

## Education

Lisbon Superior Engineering Institute (ISEL) Lisbon, Portugal  
*Bachelor's Degree in Computer and Multimedia Engineering*

**2014-2019**

## Employment History

**Amazon** Southampton, England

**06/2020 - Present**

### **Sortation Associative**

- I ensured that orders are accurate such as the high standards of the company by doing my job in a professional manner and handling each order with responsibility.
- To work during an epidemic, it is necessary to maintain a high level of health and safety standards and respect the orders given by the company.

**PFSweb** Southampton, England

**11/2019 - 01/2020**

### **Warehouse Operative**

- Demonstrated flexibility by performing other functions and therefore improving productivity because there was often a lack of people and so I worked where there was a greater need, I could enter the orders into the system, collect the jewellery, check if the collected jewellery were in accordance with the order or even pack them.
- I took the leadership when necessary because many people who worked there had no experience in warehouses or even sometimes when there were no supervisors around.

**CTT – Correios de Portugal** Lisbon, Portugal

**04/2018 – 10/2019**

### **Postman**

- Showed ability in working in tight deadlines by working with more letters in periods like Christmas and with just a little more time to do my job.
- Increased the efficiency of my section reducing the number of letters to the manual division, always checking the machines so that they could read the letters better, and in the end always checking if the letters were in the correct container.
- Trained and supervised new co-workers in their first days of work.

## Languages

**Portuguese:** Native

**English:** Intermediate

## Personal Interests

In my spare time I like to ride dirt bikes, play football and cycling with my friends, work out in the gym or on the street, ride a horse, travel and explore nature with my girlfriend, I also like to play computer games, chess and programming/coding.